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Cosmetic for skin - contg.volatile silicone oil e.g. octamethyl
trisiloxane in organo-silicone resin

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)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 61161209	A	19860721	JP 852855	A	19850111	198635 B
JP 2539190	B2	19961002	JP 852855	A	19850111	199644

Priority Applications (No Type Date): JP 852855 A 19850111

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP <u>61161209</u>	A		5		
JP 2539190	B2		5	A61K-007/48	Previous Publ. patent JP 61161209

Abstract (Basic): JP 61161209 A

Compsn. contains (A) 1-90 wt.% organosilicone resin of formula (A)
and (B) 10-99 wt.% volatile silicone oil of formula (B):

(A): $R_nSiO(4-n)/2$ (the formula expresses a mean strutre of
organosilicone resins wherein R is 1-6C hydrocarbon gp or phenyl gp; n
is 1.0-1.8), (B): at least one kind of volatile silicone oil of (I) or
(II): (where n is an integer 0-5), (and in (II) n is an integer 3-7).

(A) comprises a combination of $R_3SiO_{1/2}$ unit, R_2SiO unit, $RSiO_{3/2}$
unit, and SiO_2 unit. Prefd. mean mol.wt. is ca. 1500-10,000. (A) is
soluble in benzene, and prepd. for example, by adding a cpd. of R_3SiX ,
 R_2SiX_2 , $RSiX_3$ and SiX_4 (where X is a hydrolysable gp such as Cl, Br, F,
alkoxy, acyloxy) to a solvent e.g.toluene), then hydrolysing and
condensing with sufficient amt. of water in an acidic medium, removing
the aq phase, and neutralising remaining resinous substance with
 $NaHCO_3$, etc. and distilling the solvent finally. Suitable amt. of (A)
in the cosmetic compsn. is 1-90 wt.% (B) is a volatile linear or cyclic
silicon il, specifically, hexamethyl disiloxane, octamethyl trisioane,
decamethyl tetrasiloxane, hexamethyl cyclo trisiloxane, etc. Suitable
proportion of (B) in a cosmetic compsn. is 10-99 wt.%.

USE/ADVANTAGE - A cosmetic for preventing skin from chapping caused
by kitchen work is provided. The cosmetic spreads well on the skin
providing refreshing feeling and protects the skin for a long time. It
is not readily removed by washing water but causes no contamination
when an article is touched with a hand coated with the cosmetic of this
invention. (5pp Dwg.No.0/0)

Title Terms: COSMETIC; SKIN; CONTAIN; VOLATILE; SILICONE; OIL; OCTA; METHYL
; TRI; SILOXANE; ORGANO; SILICONE; RESIN

Derwent Class: A26; A96; D21; E11

International Patent Class (Main): A61K-007/48

International Patent Class (Additional): A61K-007/00

File Segment: CPI